

U. S. Department of Agriculture  
Bureau of Agricultural Economics  
and  
U. S. Department of Commerce  
Weather Bureau

Nebr. Dept. of Agr. & Inspection  
Division of Agr'l. Statistics  
and  
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Of Nebr. College of Agr.

NEBRASKA WEEKLY WEATHER AND CROP REPORT

Released 6-12-51 - 11:00 A.M.

Week Ending 6-11-51

WEATHER The week was cloudy and cooler than normal, with little temperature change from day to day. Rainfall was light to moderate over most of the northern half of the State, and moderate to heavy over the southern half, with excessive rains at a few localities.

CROPS About 85% of the corn was planted up to last Saturday. Planting by districts is as follows: Northwest 89%, North-central 84%, Northeast 88%, Central 94%, East-central 87%, Southwest 90%, South-central 87%, and Southeast 65%.

On June 10 last year 96% of the corn had been planted compared with 85% this year. Corn planting was unusually late last year and it was only the late frost, except for extreme northern portions, that saved the crop from damage last year. This year the situation is further aggravated by the fact that much replanting is necessary due to either washing out or covering over the corn. There is a good demand for 90-day corn. Corn has a poor color. Owing to the lateness of the season farmers may not replant all of the poor stands. The bottom lands are so wet there is little chance for corn to mature if finally planted. It is also late for such substitute crops. On the basis of late planting of corn, this season is probably the worst of record. About the only optimistic feature for corn is the subsoil is thoroughly saturated with moisture.

The official June 1 report of wheat was 74,689,000 bushels and an average yield of 19 bushels, the same as on May 1. The weekly reports show deterioration for the week ending June 2 and more marked deterioration for the week ending June 9. Weather conditions have favored the development of plant diseases. Among those are septoria, bacterial blight, mosaic, root rot and orange leaf rust. Not only have these diseases caused "yellowing" but lack of nitrogen, cloudy, cold, wet weather and the frost earlier in the season contributed further to "yellowing". Thin stands, weakness of the wheat plants due to severe winter damage, orange leaf rust last fall and some green bug damage has caused the plant to be more vulnerable to various plant diseases. Weeds are becoming a menace in the thin stands. The moisture requirements have been met and with dry weather from now on and moderate temperatures the crop might turn out a little better than the present situation warrants. While western Nebraska wheat has been damaged, the outlook is much better than in eastern Nebraska. The Panhandle area could use more moisture.

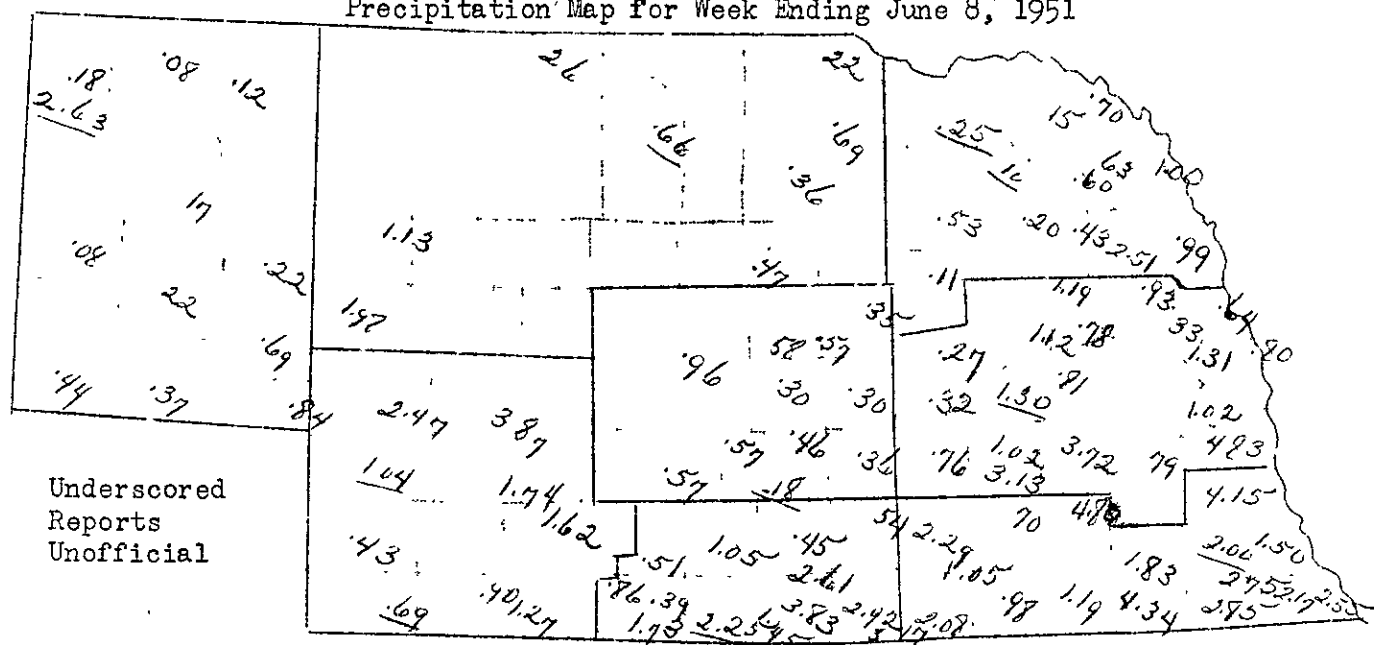
As in the case of wheat, both oats and barley have deteriorated during the past two weeks. There is much complaint about "yellowing" of oats and a poor outlook. Only a few counties report a favorable outlook for spring small grain crops. Most of the oats were planted very late and farmers were unable to meet their earlier planting intentions plans.

The condition of alfalfa, wild hay and pasture is still high, the same as a week ago. Rainy, wet weather has interfered with the harvesting of alfalfa. There are a few exceptions that the first crop of alfalfa is very good. Dry weather is needed for harvesting. In the Sandhills it appears now that wild hay will recover from the lack of early spring moisture as grass is very luxurious. Pasture and range in the Sandhills could use a little more moisture to advantage, while in the balance of the State the condition could not be much better.

1500

6-12-51

Precipitation Map for Week Ending June 8, 1951



## HIGHEST AND LOWEST TEMPERATURES (For 24 hours ending in a.m.)

|      |              | JUNE |     |     |     |     |     |     |     |     |     |      |     |      |     |
|------|--------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|------|-----|
|      |              | 5th  |     | 6th |     | 7th |     | 8th |     | 9th |     | 10th |     | 11th |     |
|      |              | Max  | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max  | Min | Max  | Min |
| NW   | Chadron      | 72   | 49  | 75  | 54  | 74  | 44  | 80  | 43  | --  | 41  | --   | 40  | 75   | 43  |
|      | Scottsbluff  | 71   | 47  | 74  | 50  | 71  | 45  | 78  | 48  | 73  | 45  | 69   | 45  | 70   | 46  |
|      | Sidney       | 69   | 45  | 73  | 50  | 70  | 44  | 77  | 47  | 71  | 44  | 69   | 43  | 69   | 46  |
| N-C  | Burwell      | 64   | 48  | 62  | 54  | 70  | 57  | 79  | 56  | 75  | 49  | 75   | 57  | 74   | 51  |
|      | Valentine    | 63   | 48  | 68  | 45  | 67  | 55  | 77  | 55  | 72  | 47  | 73   | 51  | 71   | 50  |
| NE   | Norfolk      | 65   | 50  | 62  | 52  | 67  | 57  | 72  | 54  | 75  | 54  | 76   | 56  | 70   | 49  |
|      | Sioux City   | 66   | 47  | 63  | 50  | 70  | 57  | 65  | 54  | 75  | 55  | 76   | 54  | 76   | 50  |
| CEN. | Grand Island | 64   | 49  | 58  | 54  | 68  | 56  | 77  | 58  | 78  | 53  | 77   | 59  | 76   | 54  |
|      | Lexington    | 69   | 49  | 59  | 50  | 67  | 62  | 71  | 56  | 78  | 49  | 77   | 53  | 74   | 54  |
| E-C  | Lincoln      | 63   | 51  | 62  | 56  | 67  | 62  | 71  | 56  | 72  | 57  | 78   | 57  | 78   | 55  |
|      | Omaha        | 64   | 49  | 63  | 55  | 67  | 59  | 66  | 56  | 71  | 55  | 78   | 57  | 79   | 55  |
| SW   | North Platte | 64   | 47  | 63  | 53  | 69  | 53  | 77  | 51  | 77  | 51  | 74   | 53  | 72   | 57  |

## WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR THE WEEK ENDING JUNE 11, 1951

| Eastern Division     |      | Eastern Div. Cont'd. |      | Central Division |      | Western Division |      |
|----------------------|------|----------------------|------|------------------|------|------------------|------|
| Albion               | .40  | Hastings             | .53  | Broken Bow       | .96  | Alliance         | .43  |
| Ashland              | 1.02 | Lincoln              | 1.66 | Burwell          | .47  | Chadron          | .20  |
| Auburn               | 2.15 | Norfolk              | .11  | Cambridge        | 1.44 | Culbertson       | 1.42 |
| Beatrice             | 2.38 | Oakdale              | .03  | Holdrege         | 1.06 | Imperial         | .90  |
| Columbus             | .87  | Omaha                | 1.09 | Lexington        | .71  | Kimball          | 1.69 |
| Fairbury             | 1.97 | Red Cloud            | 3.19 | North Loup       | .63  | Scottsbluff      | 1.11 |
| Fairmont             | .91  | St. Paul             | .30  | North Platte     | 4.32 | Sidney           | 2.15 |
| Falls City           | 1.37 | Tekamah              | .64  | O'Neill          | .69  |                  |      |
| Fremont              | .77  | Wakefield            | .68  | Ravenna          | .52  |                  |      |
| Grand Island         | .30  | York                 | 1.08 | Valentine        | .26  |                  |      |
| Hartington           | .16  |                      |      |                  |      |                  |      |
| Average this week    |      | 1.06                 |      | 1.11             |      | 1.13             |      |
| Total since April 1  |      | 12.45                |      | 8.88             |      | 6.16             |      |
| Normal since April 1 |      | 8.29                 |      | 7.04             |      | 6.08             |      |

(Issued by the Weather Bureau and the State and Federal Departments of Agriculture)